

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (PREVIOUSLY PRESENTED) Device comprising a patch antenna processing a signal, and coupling means for connecting the antenna to an electronic component, wherein the patch antenna is arranged on a first side of an antenna plate wherein the electronic component can be mounted on a second side of the antenna plate and wherein the coupling means comprise a metal passage through the antenna plate which transposes into a bond pad against the antenna plate on the second side, and a metal bond wire between the electronic component and the bond pad, wherein the length of the passage, as seen perpendicularly of the antenna plate, is smaller than a quarter-wavelength of the signal to be processed by the antenna.
2. (PREVIOUSLY PRESENTED) Device as claimed in claim 1, wherein the length of the bond wire is smaller than a quarter-wavelength of the signal to be processed by the antenna.
3. (PREVIOUSLY PRESENTED) Device as claimed in claim 1, wherein an electrically conductive plate for the patch antenna is arranged against the second side of the antenna plate wherein the electrically conductive plate is provided with a recess for the passage.
4. (PREVIOUSLY PRESENTED) Device as claimed in claim 1, wherein the electronic component is a low noise amplifier.
5. (CANCELLED)

6. (PREVIOUSLY PRESENTED) Device as claimed in claim 1, wherein the passage has a substantially cylindrical form.
7. (PREVIOUSLY PRESENTED) Device as claimed in claim 1, wherein on the side of the antenna the passage makes direct contact with a power supply line of the patch antenna.
8. (PREVIOUSLY PRESENTED) Device as claimed in claim 7, wherein the periphery of the passage substantially corresponds with the width of the power supply line.
9. (PREVIOUSLY PRESENTED) Radar receiver provided with a device as claimed in claim 1.
10. (NEW) Device comprising a patch antenna processing a high frequency signal and coupling means for connecting the antenna to an electronic component, wherein the patch antenna is arranged on a first side of an antenna printed circuit board (PCB) wherein the electronic component can be mounted on a second side of the antenna PCB and wherein the coupling means comprise a metal via through the antenna PCB which transposes into a bond pad against the antenna PCB on the second side, and a metal bond wire between the electronic component and the bond pad, wherein the length of the via, as seen perpendicularly of the antenna PCB, is smaller than a quarter-wavelength of the signal to be processed by the antenna.
11. (NEW) Device as claimed in claim 10, wherein an electrically conductive plate for the patch antenna is arranged against the second side of the antenna PCB, wherein the electrically conductive plate is provided with a recess for the via, such that the electrically conductive plate forms a ground plane for the antenna.
12. (NEW) Device as claimed in claim 10, wherein the length of the bond wire is smaller than a quarter-wavelength of the signal to be processed by the antenna.

13. (NEW) Device as claimed in claim 10, wherein the electronic component is a low noise amplifier.
14. (NEW) Device as claimed in claim 10, wherein the via has a substantially cylindrical form.
15. (NEW) Device as claimed in claim 10, wherein on the side of the antenna the via makes direct contact with a power supply line of the patch antenna.
16. (NEW) Device as claimed in claim 15, wherein the periphery of the via substantially corresponds with the width of the power supply line.